

CLAIMS

What is claimed is:

1. A pigmented, weatherable molding composition comprising:

5 A. a resin component which comprises an unsaturated polyester;
a monomer which will react with the polyester; and a non-aromatic, thermoplastic
polymer;

B. an ultraviolet light absorbing material or a hindered amine
light stabilizing material;

C. a pigment; and

10 D. a reinforcing agent.

2. A pigmented, weatherable molding composition as defined by
Claim 1 wherein the molding composition contains a filler material.

15 3. A pigmented, weatherable molding composition as defined by
Claim 2 wherein the filler material is a non-chalking filler material.

4. A pigmented, weatherable molding composition as defined by
Claim 1 wherein the monomer contains a mono or polyfunctional acrylate
20 monomer.

5. A pigmented, weatherable molding composition as defined by
Claim 1 wherein the monomer contains a mono or polyfunctional methacrylate
monomer.

6. A pigmented, weatherable molding composition as defined by Claim 2 wherein the filler material is alumina trihydrate, alumina powder, aluminosilicate, barium sulfate, calcium carbonate, calcium silicate, calcium sulfate, clay, dolomite, glass spheres, limestone dust, mica, quartz powder, crushed silica, feldspar, talc or a mixture of two or more of such filler materials.

7. A pigmented, weatherable molding composition as defined by Claim 2 wherein the filler material is alumina trihydrate.

10 8. A pigmented, weatherable molding composition as defined by Claim 1 wherein the reinforcing agent is glass fibers.

9. A pigmented, weatherable molding composition as defined by Claim 1 wherein the reinforcing agent is carbon fibers.

15 10. A pigmented, weatherable molding composition as defined by Claim 1 wherein the pigment is carbon black.

20 11. A pigmented, weatherable molding composition as defined by Claim 1 wherein the pigment is carbon black which is present in an amount greater than 4 percent based on the weight of the resin component.

12. A process for the manufacture of a pigmented, weatherable molding composition, wherein the process comprises the steps of mixing:

A. a resin component which comprises an unsaturated polyester; a monomer which will react with the polyester; and a non-aromatic, thermoplastic polymer;

B. an ultraviolet light absorbing material or a hindered amine light stabilizing material;

C. a pigment; and

D. a reinforcing agent.

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13. A process as defined by Claim 12 wherein the molding composition contains a filler material.

14. A process as defined by Claim 13 wherein the filler material is a non-chalking filler material.

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15. A process as defined by Claim 12 wherein the monomer contains a mono or polyfunctional acrylate monomer.

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16. A process as defined by Claim 10 wherein the monomer contains a mono or polyfunctional methacrylate monomer.

17. A process as defined by Claim 13 wherein the filler material is alumina trihydrate, alumina powder, aluminosilicate, barium sulfate, calcium carbonate, calcium silicate, calcium sulfate, clay, dolomite, glass spheres, limestone dust, mica, quartz powder, crushed silica, feldspar, talc or a mixture of
5 two or more of such filler materials.

18. A process as defined by Claim 13 wherein the filler material is aluminatrihydrate.

10 19. A process as defined by Claim 12 wherein the reinforcing agent is gloss fibers.

20. A process as defined by Claim 12 wherein the reinforcing agent is carbon fibers.

15 21. A process as defined by Claim 12 wherein the pigment is carbon black.

22. A process as defined by Claim 12 wherein the pigment is carbon
20 black which is present in an amount greater than 4 percent based on the weight of the resin component.

23. A process as defined by Claim 12 wherein the unsaturated polyester
is made with a glycol component at least 80 percent of which is ethylene glycol
25 and neopentyl glycol.

24. A pigmented, weatherable composition as defined by Claim 1 wherein the unsaturated polyester is made with a glycol component at least 80 percent of which is ethylene glycol and neopentyl glycol.

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